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FmocN
$$CO_2H$$
 Step 1 NH_2 Step 2 NH_2 NH_2

 $X = -CH_2OH$, $-CO_2H$, $-CO_2CH_3$, $-CONH_2$

Scheme 2. Resins that can be employed.

Resins or Merrifield Resin **Brominated Wang Resin** or 4-(bromomethyl)phenoxymethyl polystyrene Coupling conditions Cleavage conditions **Product** Reference --}-co₂H Bloorg. Med. Chem. Lett., DIEA/CsI/DMF **TFA** 1997, 7, 1371 —}—со₂он J. Org. Chem. 1994, 59, 5862 DIBAL/toluene --}-CO₂Me NaOMe/MeOH · Tetrahedron Lett., 1996, 37, 5491 OMe MeÓ Rink amide resin Sleber resin Coupling conditions Cleavage conditions **Product** Reference Tetrahedron Lett., 1987, 28, 3787 PyBOP/DIEA/DMF **TFA** Tetrahedron Lett., 1987, 28, 2107

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